

# ABSTRACT

There is provided the method of forming a thin film of vinylidene fluoride homopolymer of I-form crystal structure having functional group at its end which can be applied to various substrates, by relatively easy method (applying conditions, manner, etc.). The method is a method of forming a thin film of vinylidene fluoride homopolymer by applying, on a substrate, a vinylidene fluoride homopolymer which contains, at one end or both ends thereof, a moiety represented by the formula (1):



wherein  $R^1$  is a divalent organic group but does not contain a structural unit of the vinylidene fluoride homopolymer;  $n$  is 0 or 1;  $Y$  is a functional group, and has from 3 to 100 repeat units of vinylidene fluoride, to form a thin film of vinylidene fluoride homopolymer comprising I-form crystal structure alone or as main component.